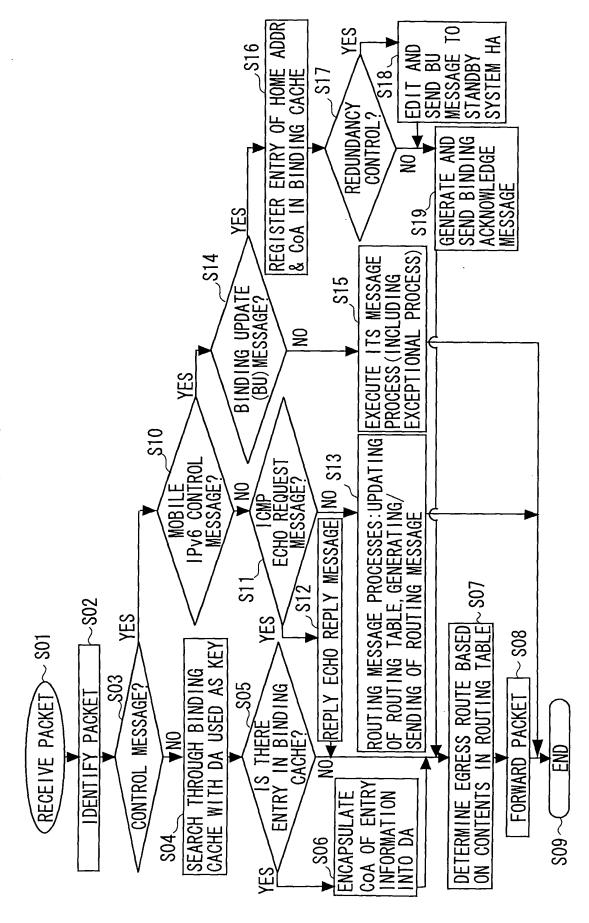
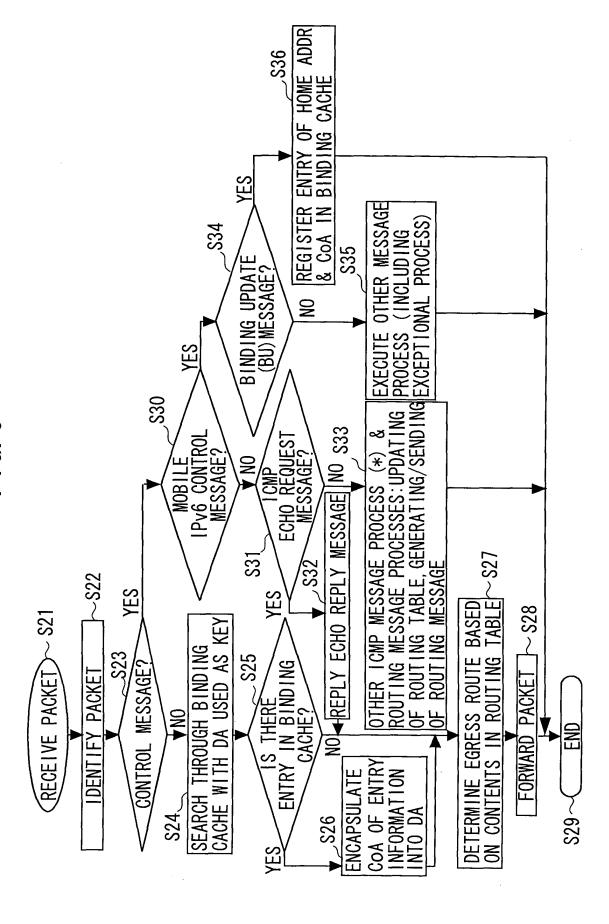


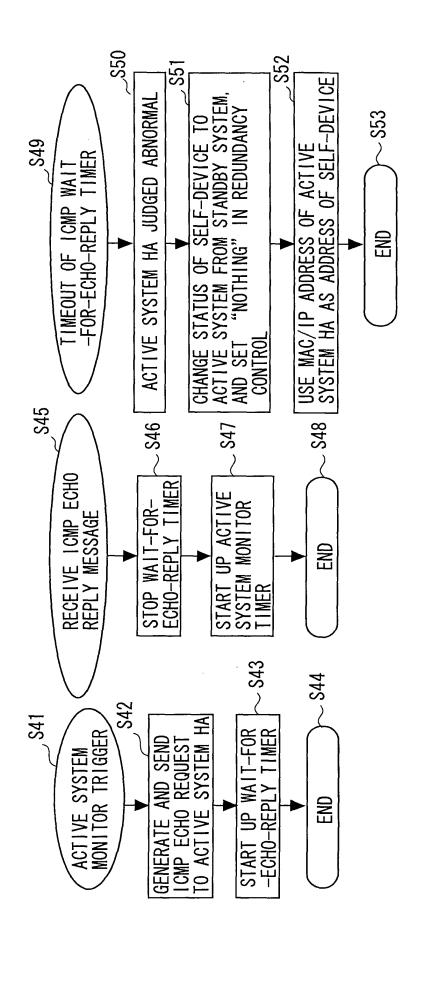
9A	PREFIX LENGTH (8BIT)		
	LIFE TIME (32BIT)		
	COA (128BIT)		
	HOME ADDRESS (128BIT)		

--►:INTERNAL CONTROL DATA FLOW





F/G. 7



88	PRIORITY FLAG (1 BIT)		
	PREFIX LENGTH (8BIT)		
	LIFE TIME (32BIT)		
	COA (128BIT)		
	HOME ADDRESS (128BIT)		

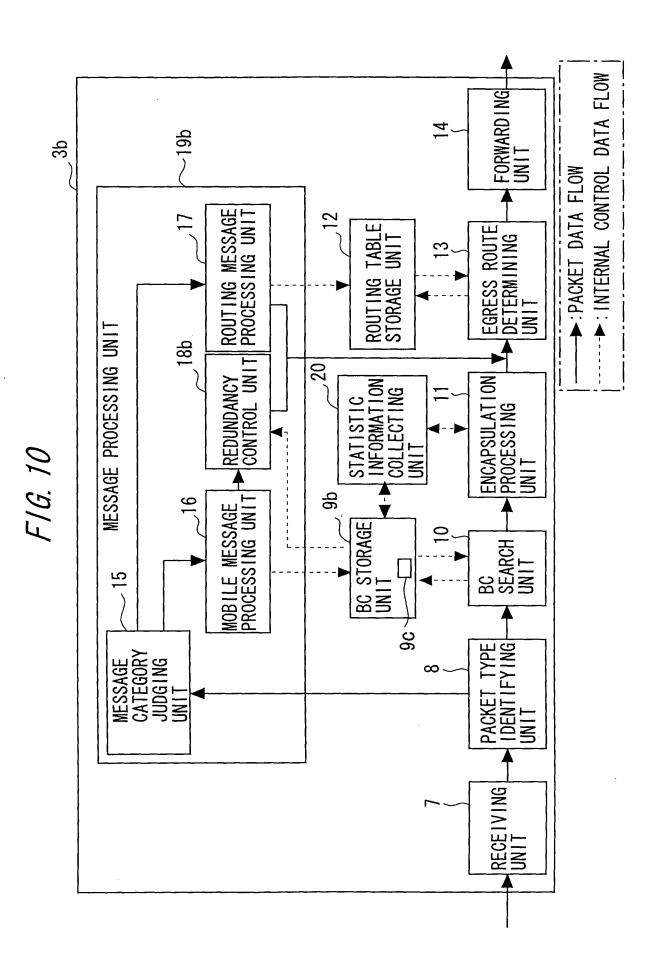
S18 SYSTEM HA EDIT AND SEND BU MESSAGE STANDBY .S16 \$54 ,S17 PRIORITY FLAG==12 N BINDING CACHE REGISTER ENTRY HOME ADDR & CoA ▼YES REDUNDANCY GENERATE AND SEND BINDING CONTROL? ACKNOWLEDGE MESSAGE 2 ,S14 S15 S19~ EXCEPTIONAL PROCESS) EXECUTE ITS MESSAGE PROCESS(INCLUDING BINDING UPDATE (BU) MESSAGE? 2 • ROUTING MESSAGE PROCESSES:UPDATING OF ROUTING TABLE, GENERATING/SENDING OF ROUTING MESSAGE YES S10 NO REPLY ECHO REPLY MESSAGE NO S13 ECHO REQUEST MESSAGE? IPv6 CONTROL MESSAGE? ~S07 S S12 YES YES ON CONTENTS IN ROUTING TABLE DETERMINE EGRESS ROUTE BASED ≥ S01 SEARCH THROUGH BINDING CACHE WITH DA USED AS KEY ,S02 S THERE IN BINDING **S02** CONTROL MESSAGE? PACKET RECEIVE PACKE DENTIFY COA OF ENTRY INFORMATION ENTRY ENCAPSULATE **S04** 908

80S ~

FORWARD PACKET

 $\sim 60S$

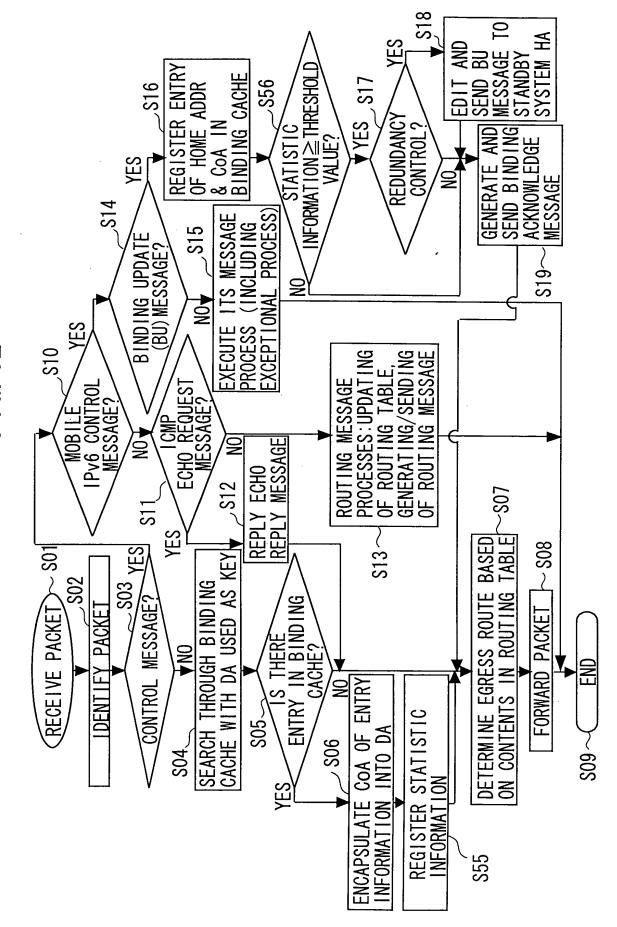
F/G. 9



F1G. 11

36	STATISTIC INFORMATION		
	PREFIX LENGTH (8BIT)		
	LIFE TIME (32BIT)		
	COA (128BIT)		
	HOME ADDRESS (128BIT)		

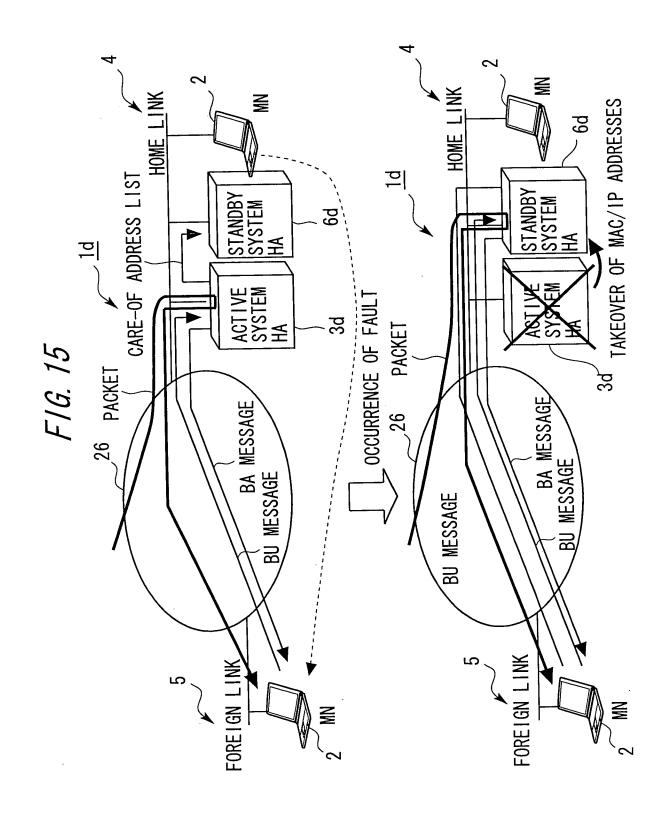
F1G. 12

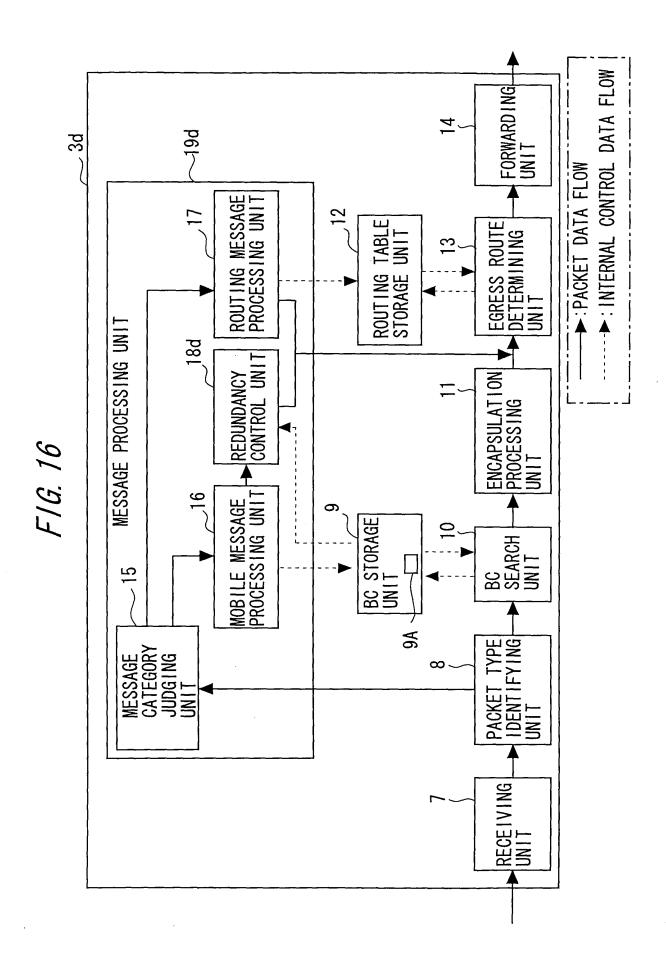


F16. 13

F/G. 14

 \forall GENERATE AND SEND BU SEND BINDING MESSAGE T \$18 . SYSTEM **S17 ▼**YES REDUNDANC CONTROL? VALUE? ACKNOWLEDGE **MESSAGE** S19~ GENERATING/SENDING OF ROUTING MESSAGE PROCESSES: UPDATING OF ROUTING TABLE, ROUTING MESSAGE BASED TABLE S13 > \sim S08 CONTENTS IN ROUTING DETERMINE EGRESS ROUTE FORWARD PACKET COA OF ENTRY REGISTER STATISTIC NFORMATION INTO DA $\sim 60S$ 908 NO ENCAPSULATE **NFORMA S**52

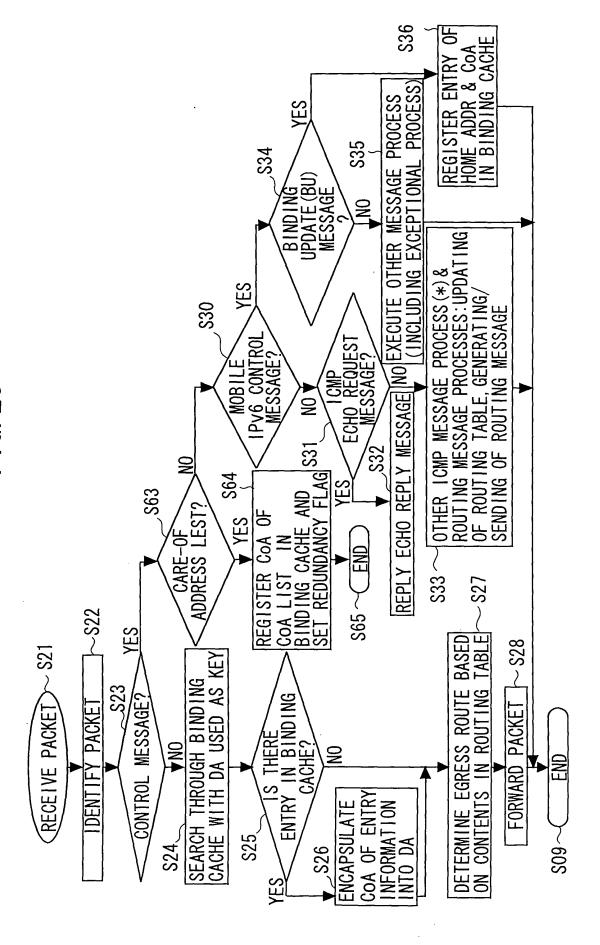




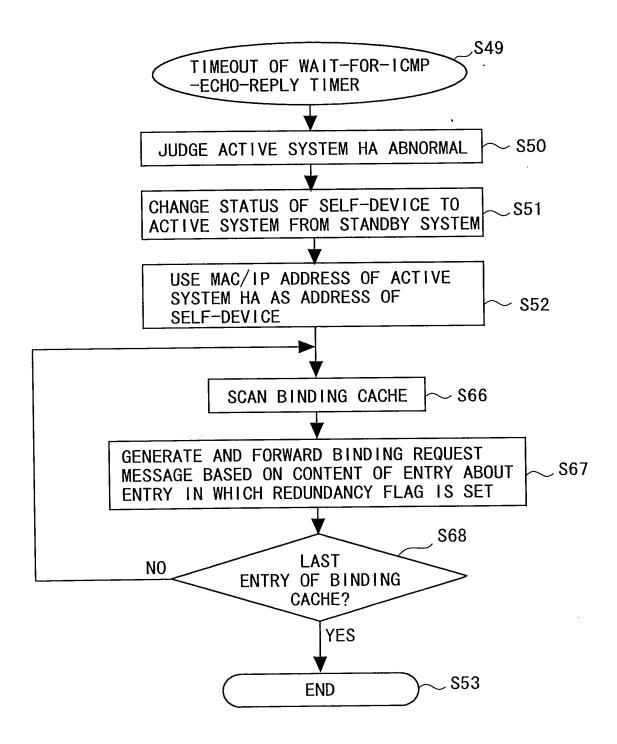
---►:INTERNAL CONTROL DATA FLOW FORWARD INGUINIT **R14** ~R19d pg ►: PACKET DATA FLOW R12 R17 ROUTING MESSAGE PROCESSING UNIT EGRESS ROUTE DETERMINING ROUTING TABLE STORAGE UNIT R13 MESSAGE PROCESSING UNIT _R18d | REDUNDANCY | CONTROL UNIT ENCAPSULATION PROCESSING UNIT R11 F16. 17 R16 R9d MOBILE MESSAGE PROCESSING UNIT BC STORAGE UNIT R10 BC SEARCH UNIT **-R15d** <u>R9D</u> MESSAGE CATEGORY JUDGING UNIT 82 PACKET IDENTI UNIT RECEIVING UNIT **R**7

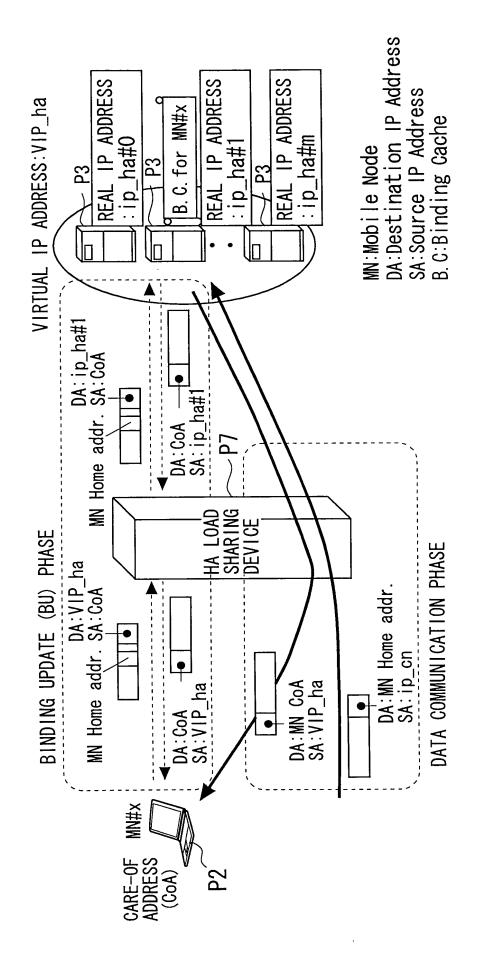
REDUNDANCY FLAG (1 BIT)				
PREFIX LENGTH (8BIT)				
LIFE TIME (32BIT)				
COA (128BIT)				
HOME ADDRESS (128BIT)				
	COA(128BIT) LIFE TIME (32BIT)	COA(128BIT) LIFE TIME PREFIX REDUNI (32BIT) (1 BI	COA(128BIT) LIFE TIME (32BIT)	COA(128BIT) LIFE TIME (32BIT)

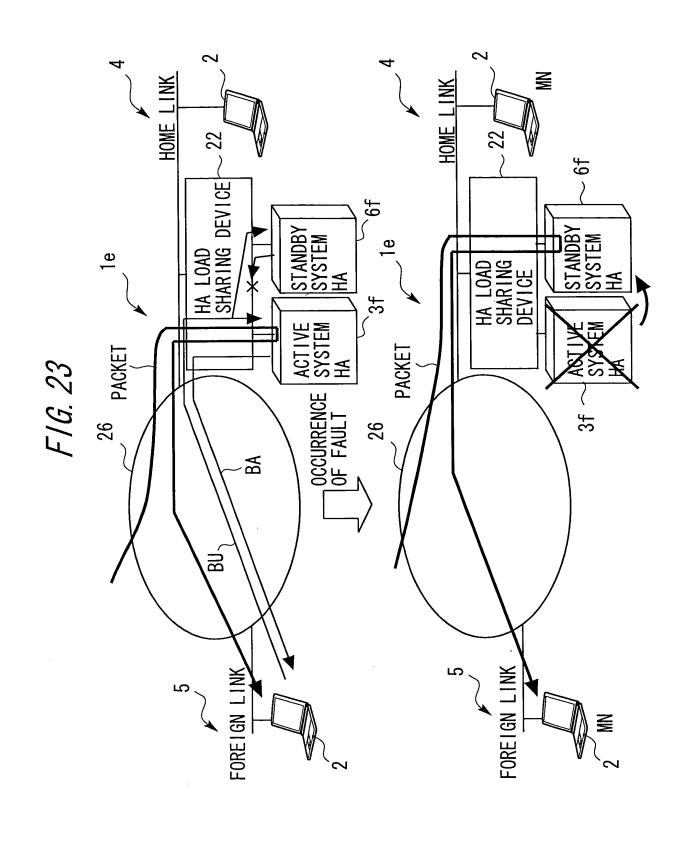
REDUNDANCY PERIOD CONTROL TRIGGER CREATE COA LIST FROM BINDING CACHE SYSTEM HA VIA ESTABLISHED **S62**, ACKNOWLEDGE MESSAGE GENERATE AND SEND BINDING EXECUTE ITS BESSAGE PROCESS BESSAGE PROCESS BESSAGE PROCESS BESSAGE PROCESS BESSAGE PROCESS BESSAGE BE **PROCESS** 98 . ROUTING MESSAGE PROCESSES:UPDAT OF ROUTING TABLE, GENERATING/ ROUTING MESSAGE TABLE DETERMINE EGRESS ROUTE BASED ~ S08 SENDING OF ON CONTENTS IN ROUTING FORWARD PACKET COA OF ENTRY **NFORMATION**



F/G. 21







F1G. 24

--- INTERNAL CONTROL DATA FLOW → : PACKET DATA FLOW

F1G. 25

STANDBY SYSTEM HA ADDRESS REDUNDANCY CONTROL INDICATING INFORMATION __LB23A FORWARD DESTINATION HA ADDRESS MN HOME ADDRESS

F/G. 26

F/G. 27

